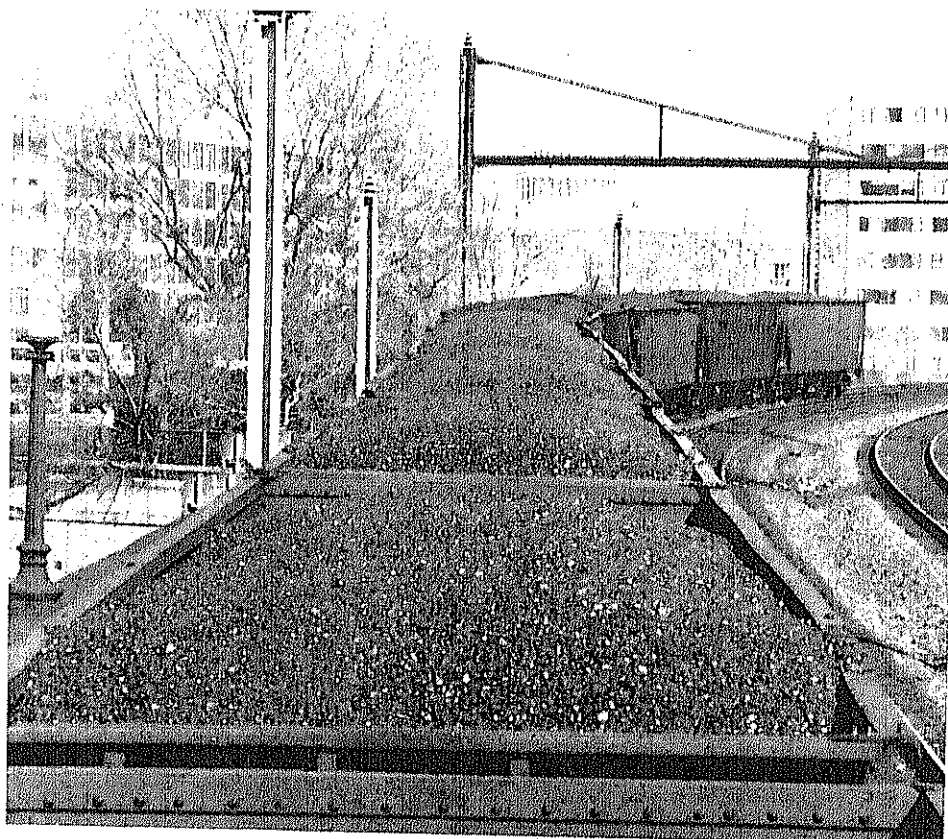


**Energy Information Administration**  
Washington, DC

# Weekly Coal Production

Production for Week Ended:  
December 3, 1988



## Preface

The *Weekly Coal Production (WCP)* provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. Supplement 1 includes monthly and annual U.S. level data on coal production, consumption, stocks, imports, and exports. This week's Supplement 2 contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price); and coal imports and exports.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1986*, and *Coal Data: A Reference*.

This publication was prepared by Wayne M. Watson under the direction of Noel C. Balthasar, Chief, Data Systems Branch. *Questions on energy statistics should be directed to the National Energy Information Center (NEIC) at (202)586-8800*.

), 1988

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## Summary

U.S. coal production in the week ended December 3, 1988, as estimated by the Energy Information Administration, totaled 20.1 million short tons, a 16.3 percent increase from production in the previous, holiday-shortened week. Coal production east of the Mississippi increased by 2.9 million short tons (28.8 percent), and production west of the Mississippi decreased slightly.

This week's coal output was 0.1 million short tons or 0.6 percent higher than in the corresponding week of 1987.

This report contains data on electric utility coal receipts and prices for August 1988 in addition to electric utility coal consumption and stocks for September 1988. Also included are data on U.S. coal and coke exports and imports for September 1988.

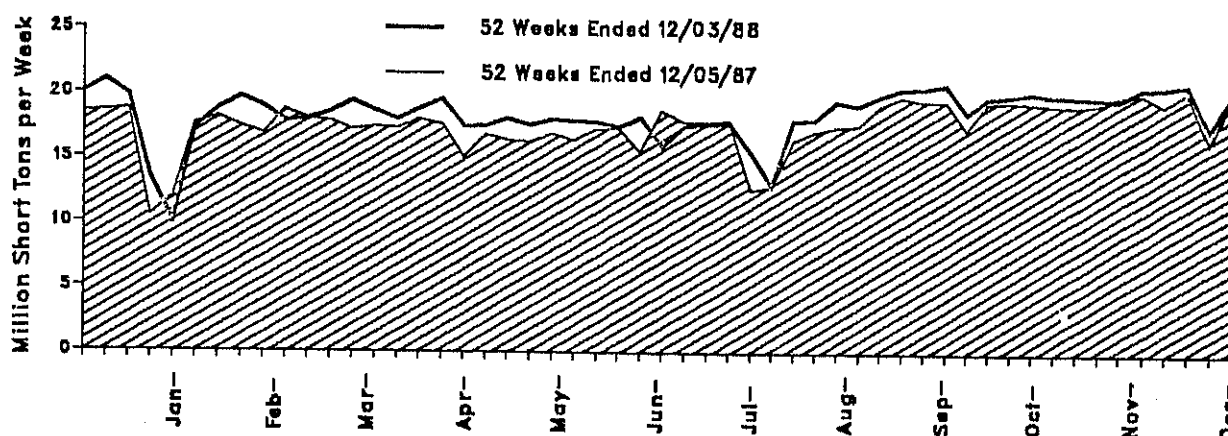
Some of the highlights of these data are:

- Coal receipts at electric utilities for the first 8 months of 1988 (January through August) were

2.1 percent (10.0 million short tons) higher than the 1987 level for the same period. The average price of coal receipts at electric utilities for January through August 1988 was 3.9 percent (\$1.26 per short ton) lower than the comparable period in 1987.

- The level of coal stocks at electric utilities on September 30, 1988, was 6.0 percent (9.1 million short tons) lower than in the comparable period of 1987.
- Coal consumption at electric utility plants for January through September 1988 was 5.3 percent (28.8 million short tons) above the comparable 1987 level.
- Coal exports for January through September 1988 were 18.9 percent (10.9 million short tons) higher than the 1987 level for the same period. Exports to Europe accounted for 63.5 percent (6.9 million short tons) of the total increase.

**Figure 1. Coal Production**



**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		
	12/03/88	11/26/88	12/05/87	12/03/88	12/05/87	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous <sup>1</sup> and Lignite .....	20,053	17,242	19,933	951,526	907,025	4.9
Pennsylvania Anthracite .....	56	57	63	3,727	3,593	3.7
U.S. Total .....	20,109	17,298	19,996	955,254	910,618	4.9
Railroad Cars Loaded .....	128,763	110,302	123,512	6,194,962	5,758,121	

<sup>1</sup> Includes subbituminous coal.

Notes: 1988 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 2. Coal Production by State  
(Thousand Short Tons)**

Region and State	Week Ended		
	12/03/88	11/26/88	12/05/87
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi .....	12,832	9,966	12,502
Alabama .....	569	423	551
Illinois .....	1,221	1,035	1,221
Indiana .....	655	525	708
Kentucky .....	3,748	2,683	3,726
Kentucky, Eastern .....	2,774	1,986	2,761
Kentucky, Western .....	975	698	965
Maryland .....	97	69	101
Ohio .....	645	522	711
Pennsylvania Bituminous .....	1,489	1,475	1,088
Tennessee .....	129	93	145
Virginia .....	1,047	757	1,069
West Virginia .....	3,232	2,384	3,183
West of the Mississippi .....	7,222	7,276	7,430
Alaska .....	28	24	40
Arizona .....	249	214	235
Arkansas .....	4	3	2
California .....	-	-	-
Colorado .....	270	288	286
Iowa .....	10	9	8
Kansas .....	24	21	43
Louisiana .....	70	43	65
Missouri .....	97	84	93
Montana .....	725	780	889
New Mexico .....	365	322	483
North Dakota .....	612	653	568
Oklahoma .....	55	53	66
Texas .....	1,063	915	1,029
Utah .....	311	324	355
Washington .....	113	97	93
Wyoming .....	3,226	3,446	3,178
Bituminous <sup>1</sup> and Lignite Total .....	20,053	17,242	19,933
Pennsylvania Anthracite .....	56	57	63
U.S. Total .....	20,109	17,298	19,996

<sup>1</sup> Includes subbituminous coal.

Notes: 1988 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 3. Coal Receipts at Electric Utility Plants: August 1988**  
(Thousand Short Tons)

Census Division and State	August 1988	July 1988	August 1987	Year to Date		
				1988	1987	Percent Change
New England Total .....	562	415	530	4,187	3,520	19.0
Connecticut .....	87	60	73	612	461	32.8
Maine .....	-	-	-	-	-	-
Massachusetts .....	377	319	381	2,044	2,427	17.2
New Hampshire .....	97	37	76	731	632	15.6
Rhode Island .....	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-
Middle Atlantic Total .....	4,505	3,680	4,787	33,083	34,892	-5.2
New Jersey .....	277	178	346	1,421	1,692	-16.0
New York .....	805	616	697	5,444	5,014	8.6
Pennsylvania .....	3,422	2,886	3,744	20,218	28,185	-7.0
East North Central Total .....	15,437	12,960	14,952	100,546	104,843	-4.1
Illinois .....	2,677	2,308	2,355	17,538	18,599	-5.7
Indiana .....	3,441	2,781	3,560	22,909	25,235	-9.2
Michigan .....	3,290	2,993	2,970	17,771	18,708	-5.0
Ohio .....	4,065	3,645	4,478	30,967	31,406	-1.4
Wisconsin .....	1,964	1,233	1,590	11,370	10,895	4.4
West North Central Total .....	9,520	8,348	8,499	63,716	55,564	14.7
Iowa .....	1,554	1,280	1,578	9,422	8,438	11.7
Kansas .....	1,283	1,064	1,430	9,535	9,231	3.3
Minnesota .....	1,298	1,177	1,282	9,175	7,173	27.9
Missouri .....	2,270	2,037	2,069	15,287	14,301	6.9
Nebraska .....	845	764	605	4,947	4,240	16.7
North Dakota .....	2,080	1,801	1,535	13,870	11,482	20.8
South Dakota .....	190	226	-	1,479	700	111.2
South Atlantic Total .....	11,349	8,266	12,158	79,717	82,992	-3.9
Delaware .....	281	150	211	1,721	1,537	12.0
District of Columbia .....	-	-	-	-	-	-
Florida .....	1,788	1,834	1,914	16,326	14,880	9.7
Georgia .....	2,381	1,803	2,573	16,546	17,044	-2.9
Maryland .....	799	582	765	5,683	5,253	8.2
North Carolina .....	1,836	1,143	1,570	11,448	11,079	3.3
South Carolina .....	909	770	1,210	5,683	6,169	-7.9
Virginia .....	727	500	908	4,387	5,187	-15.4
West Virginia .....	2,628	1,485	3,006	17,822	21,845	-18.0
East South Central Total .....	6,435	5,698	6,486	48,247	51,417	-6.2
Alabama .....	1,848	1,658	1,811	13,351	13,820	-3.4
Kentucky .....	2,477	2,108	2,712	18,382	21,253	-13.5
Mississippi .....	433	321	473	3,540	2,569	37.8
Tennessee .....	1,677	1,611	1,490	12,974	13,775	-5.8
West South Central Total .....	11,209	11,006	10,507	77,745	73,237	6.2
Arkansas .....	1,225	1,181	1,126	7,724	7,825	-1.3
Louisiana .....	1,132	791	907	6,850	6,855	-1.1
Oklahoma .....	1,249	1,295	1,145	8,604	7,862	9.4
Texas .....	7,603	7,739	7,329	54,566	50,695	7.6
Mountain Total .....	9,123	8,078	7,978	63,103	54,927	14.9
Arizona .....	1,269	1,151	1,298	9,190	7,911	16.2
Colorado .....	1,375	1,102	1,160	9,679	8,615	12.3
Idaho .....	-	-	-	-	-	-
Montana .....	1,017	884	857	6,713	3,840	74.8
Nevada .....	731	679	604	5,196	4,788	8.5
New Mexico .....	1,380	1,287	1,246	9,306	9,068	2.6
Utah .....	1,214	982	960	8,237	7,724	6.7
Wyoming .....	2,116	2,014	1,853	14,781	12,981	13.9
Pacific Total .....	424	401	360	3,910	2,880	35.7
California .....	-	-	-	-	-	-
Oregon .....	-	-	-	235	-	-
Washington .....	424	401	360	3,675	2,880	27.6
Alaska .....	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-
Total .....	68,564	58,853	66,256	474,252	464,272	2.1

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 4. Average Price<sup>1</sup> of Coal Receipts at Electric Utility Plants:  
August 1988**

Census Division and State	August 1988		July 1988		August 1987		Year to Date			
	Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu	1988		1987	
							Dollars per Short ton	Cents per Million Btu	Dollars per Short ton	Cents per Million Btu
<b>New England Total</b> .....	<b>\$45.01</b>	<b>170.2</b>	<b>\$45.21</b>	<b>172.3</b>	<b>\$46.78</b>	<b>177.8</b>	<b>\$46.38</b>	<b>176.4</b>	<b>\$46.83</b>	<b>177.3</b>
Connecticut .....	56.86	216.2	61.44	233.4	63.44	241.5	61.69	234.7	63.03	239.2
Maine .....	-	-	-	-	-	-	-	-	-	-
Massachusetts .....	42.34	160.3	42.06	160.4	42.55	162.3	42.37	161.7	42.51	161.7
New Hampshire .....	44.78	167.7	46.03	175.3	51.95	193.8	49.20	184.5	51.60	191.6
Rhode Island .....	-	-	-	-	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>36.68</b>	<b>147.9</b>	<b>36.93</b>	<b>149.2</b>	<b>37.03</b>	<b>148.6</b>	<b>37.03</b>	<b>149.5</b>	<b>36.60</b>	<b>147.4</b>
New Jersey .....	45.76	170.5	45.34	170.2	46.19	174.3	46.05	172.3	47.40	179.0
New York .....	40.78	159.3	40.92	160.0	39.29	153.7	40.98	160.0	39.38	153.9
Pennsylvania .....	34.98	143.0	35.56	145.4	35.77	145.1	35.72	145.8	35.46	144.2
<b>East North Central Total</b> .....	<b>35.17</b>	<b>158.9</b>	<b>36.05</b>	<b>162.1</b>	<b>36.58</b>	<b>163.2</b>	<b>36.20</b>	<b>162.3</b>	<b>36.96</b>	<b>166.0</b>
Illinois .....	38.36	178.4	40.53	191.1	41.80	196.7	41.02	192.6	43.02	201.1
Indiana .....	31.44	146.7	31.24	144.7	32.93	149.4	31.69	145.5	32.13	148.8
Michigan .....	39.25	174.3	41.07	181.2	40.58	176.6	41.77	179.3	41.34	178.6
Ohio .....	35.85	149.9	34.90	146.1	36.60	153.5	36.45	153.1	37.66	157.8
Wisconsin .....	29.15	146.8	29.69	150.9	29.50	148.6	28.50	147.3	28.28	147.2
<b>West North Central Total</b> .....	<b>20.08</b>	<b>114.3</b>	<b>20.50</b>	<b>117.4</b>	<b>21.27</b>	<b>119.8</b>	<b>20.59</b>	<b>118.2</b>	<b>21.87</b>	<b>123.7</b>
Iowa .....	23.99	126.3	22.75	124.2	23.39	125.6	22.91	124.8	23.61	128.5
Kansas .....	22.10	122.6	23.50	127.0	22.25	126.4	22.61	125.6	22.61	129.1
Minnesota .....	21.40	122.0	21.99	125.5	20.72	119.3	22.73	130.0	22.66	128.9
Missouri .....	28.32	135.4	29.19	141.0	28.84	137.6	29.18	140.1	30.92	144.3
Nebraska .....	14.45	84.0	14.72	85.2	16.00	92.6	14.88	86.4	16.55	96.2
North Dakota .....	8.85	66.9	9.49	71.7	10.50	79.8	9.36	70.9	10.63	80.4
South Dakota .....	15.02	121.0	14.89	120.2	-	-	15.04	122.2	14.95	123.4
<b>South Atlantic Total</b> .....	<b>41.19</b>	<b>164.5</b>	<b>42.19</b>	<b>168.1</b>	<b>41.17</b>	<b>164.5</b>	<b>41.75</b>	<b>167.2</b>	<b>41.99</b>	<b>168.4</b>
Delaware .....	46.82	180.4	47.86	183.2	46.09	175.6	47.31	183.1	47.83	182.4
District of Columbia .....	-	-	-	-	-	-	-	-	-	-
Florida .....	44.99	179.5	44.41	177.3	45.64	182.8	44.30	178.0	45.21	182.6
Georgia .....	41.79	171.7	43.84	178.1	42.53	174.2	42.78	175.5	44.13	181.2
Maryland .....	39.63	155.2	39.69	156.6	39.65	155.3	40.34	158.6	39.88	157.5
North Carolina .....	43.65	173.1	42.48	168.5	45.45	180.5	44.34	176.2	45.72	181.6
South Carolina .....	42.97	169.0	43.96	172.6	42.51	167.9	44.80	176.5	44.24	175.1
Virginia .....	39.58	153.2	40.19	156.8	40.02	154.9	40.52	157.8	40.98	159.6
West Virginia .....	36.05	144.5	37.38	148.8	34.79	139.5	36.07	144.6	35.93	144.2
<b>East South Central Total</b> .....	<b>35.98</b>	<b>150.8</b>	<b>37.19</b>	<b>155.6</b>	<b>36.70</b>	<b>154.0</b>	<b>35.87</b>	<b>150.4</b>	<b>36.00</b>	<b>151.6</b>
Alabama .....	47.10	192.7	50.94	208.5	47.16	192.2	47.32	194.3	47.26	193.3
Kentucky .....	27.81	120.9	28.19	122.1	28.57	123.8	28.23	122.5	29.03	126.2
Mississippi .....	49.26	194.1	49.68	194.4	51.79	204.4	48.85	184.2	52.00	204.9
Tennessee .....	32.37	134.1	32.30	134.1	33.99	142.4	31.98	132.6	32.47	136.0
<b>West South Central Total</b> .....	<b>22.67</b>	<b>148.1</b>	<b>21.90</b>	<b>141.9</b>	<b>23.06</b>	<b>150.0</b>	<b>22.73</b>	<b>147.6</b>	<b>23.96</b>	<b>156.1</b>
Arkansas .....	26.40	154.1	26.60	154.3	25.55	146.7	27.42	158.3	26.64	153.6
Louisiana .....	24.96	153.5	26.98	161.1	27.80	169.3	25.20	154.2	26.86	164.8
Oklahoma .....	25.83	145.1	26.76	149.9	27.55	156.5	27.06	151.5	27.55	155.8
Texas .....	21.21	143.5	19.86	135.7	21.39	146.7	21.07	144.2	22.59	155.3
<b>Mountain Total</b> .....	<b>21.29</b>	<b>108.8</b>	<b>20.02</b>	<b>102.8</b>	<b>21.48</b>	<b>110.1</b>	<b>21.40</b>	<b>109.5</b>	<b>22.24</b>	<b>112.8</b>
Arizona .....	30.40	142.0	27.63	128.5	27.26	127.7	30.30	142.4	27.30	128.3
Colorado .....	21.22	107.4	20.41	105.0	21.80	110.5	21.13	107.8	21.95	111.5
Idaho .....	-	-	-	-	-	-	-	-	-	-
Montana .....	9.08	52.4	9.52	54.8	10.18	58.9	9.28	54.3	11.40	66.3
Nevada .....	30.85	139.1	27.98	126.1	32.26	143.8	31.02	139.4	30.76	137.8
New Mexico .....	20.63	114.4	19.95	110.3	21.69	118.8	21.38	118.3	21.98	121.1
Utah .....	28.08	122.1	30.21	131.1	29.46	130.2	28.17	121.6	29.34	126.6
Wyoming .....	14.89	84.9	12.56	71.6	14.65	84.3	14.38	82.1	15.38	87.4
<b>Pacific Total</b> .....	<b>26.51</b>	<b>160.2</b>	<b>25.98</b>	<b>160.4</b>	<b>27.28</b>	<b>168.4</b>	<b>24.96</b>	<b>152.6</b>	<b>27.41</b>	<b>169.2</b>
California .....	-	-	-	-	-	-	-	-	-	-
Oregon .....	-	-	-	-	-	-	23.70	139.0	-	-
Washington .....	26.51	160.2	25.98	160.4	27.28	168.4	25.04	153.5	27.41	169.2
Alaska .....	-	-	-	-	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>30.39</b>	<b>145.4</b>	<b>30.02</b>	<b>145.6</b>	<b>31.57</b>	<b>149.3</b>	<b>30.88</b>	<b>147.6</b>	<b>32.14</b>	<b>152.0</b>

<sup>1</sup> Based on the cost including insurance and freight (c.i.f. cost).

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."



**Table 5. Coal Stocks at Electric Utility Plants: September 1988**  
(Thousand Short Tons)

Census Division and State	September 30, 1988	August 31, 1988	September 30, 1987	Percent Change September 30: 1988 versus 1987
<b>New England Total</b> .....	<b>1,126</b>	<b>1,103</b>	<b>953</b>	<b>18.2</b>
Connecticut .....	0	0	0	-
Maine .....	-	-	-	-
Massachusetts .....	861	828	613	40.5
New Hampshire .....	238	248	312	-23.9
Rhode Island .....	28	28	28	.0
Vermont .....	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>13,899</b>	<b>13,788</b>	<b>16,656</b>	<b>-18.6</b>
New Jersey .....	583	551	857	-32.0
New York .....	1,303	1,289	1,693	-23.0
Pennsylvania .....	12,013	11,948	14,106	-14.8
<b>East North Central Total</b> .....	<b>37,952</b>	<b>36,523</b>	<b>39,224</b>	<b>-3.2</b>
Illinois .....	9,084	8,121	6,408	41.5
Indiana .....	9,430	9,393	11,595	-18.7
Michigan .....	8,545	8,038	8,994	-5.0
Ohio .....	6,983	7,522	8,000	-12.7
Wisconsin .....	3,930	3,449	4,227	-7.0
<b>West North Central Total</b> .....	<b>19,201</b>	<b>18,281</b>	<b>19,202</b>	<b>.0</b>
Iowa .....	4,138	3,662	3,993	3.6
Kansas .....	3,638	3,469	3,009	20.9
Minnesota .....	2,519	2,469	2,415	4.3
Missouri .....	3,904	3,845	4,744	-17.7
Nebraska .....	1,717	1,652	1,803	-4.8
North Dakota .....	2,990	2,894	2,940	1.7
South Dakota .....	295	290	299	-1.3
<b>South Atlantic Total</b> .....	<b>24,486</b>	<b>24,585</b>	<b>24,020</b>	<b>1.9</b>
Delaware .....	515	435	342	50.7
District of Columbia .....	-	-	-	-
Florida .....	4,267	4,750	2,874	48.5
Georgia .....	5,185	4,911	5,238	-1.0
Maryland .....	1,302	1,190	1,383	-5.8
North Carolina .....	4,038	3,946	3,168	27.5
South Carolina .....	1,811	1,698	1,466	23.5
Virginia .....	1,202	1,282	1,522	-21.0
West Virginia .....	6,168	6,373	8,028	-23.2
<b>East South Central Total</b> .....	<b>13,474</b>	<b>13,708</b>	<b>17,007</b>	<b>-20.8</b>
Alabama .....	4,455	4,449	4,328	3.0
Kentucky .....	3,763	3,896	6,717	-44.0
Mississippi .....	1,008	1,047	649	55.5
Tennessee .....	4,247	4,317	5,314	-20.1
<b>West South Central Total</b> .....	<b>15,152</b>	<b>15,881</b>	<b>16,127</b>	<b>-8.0</b>
Arkansas .....	1,845	2,057	1,927	-4.3
Louisiana .....	2,229	2,224	2,567	-13.2
Oklahoma .....	2,576	2,693	3,154	-18.3
Texas .....	8,502	8,908	8,478	.3
<b>Mountain Total</b> .....	<b>15,937</b>	<b>16,774</b>	<b>17,913</b>	<b>-11.0</b>
Arizona .....	3,764	3,909	3,946	-4.6
Colorado .....	3,431	3,497	3,575	-4.0
Idaho .....	-	-	-	-
Montana .....	947	915	801	18.2
Nevada .....	1,300	1,269	1,807	-28.1
New Mexico .....	1,284	1,140	1,242	3.4
Utah .....	2,693	2,704	2,871	-6.2
Wyoming .....	2,518	2,339	3,671	-31.4
<b>Pacific Total</b> .....	<b>1,603</b>	<b>1,635</b>	<b>860</b>	<b>86.5</b>
California .....	-	-	-	-
Oregon .....	786	786	184	327.2
Washington .....	814	845	674	20.7
Alaska .....	3	4	1	134.2
Hawaii .....	-	-	-	-
<b>U.S. Total</b> .....	<b>142,829</b>	<b>141,278</b>	<b>151,981</b>	<b>-6.0</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Consumption at Electric Utility Plants: September 1988**  
(Thousand Short Tons)

Census Division and State	September 1988	August 1988	September 1987	Year to Date		
				1988	1987	Percent Change
<b>New England Total</b> .....	<b>530</b>	<b>536</b>	<b>593</b>	<b>4,635</b>	<b>4,564</b>	<b>1.6</b>
Connecticut .....	56	74	77	636	546	16.5
Maine .....	-	-	-	-	-	-
Massachusetts .....	364	346	389	3,109	3,225	-3.6
New Hampshire .....	110	115	129	890	793	12.2
Rhode Island .....	0	0	0	0	0	-
Vermont .....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>4,266</b>	<b>5,021</b>	<b>4,163</b>	<b>41,037</b>	<b>38,775</b>	<b>5.8</b>
New Jersey .....	229	360	252	2,110	2,306	-8.5
New York .....	746	818	556	6,804	5,635	20.7
Pennsylvania .....	3,290	3,843	3,356	32,123	30,834	4.2
<b>East North Central Total</b> .....	<b>12,310</b>	<b>15,990</b>	<b>12,246</b>	<b>123,880</b>	<b>126,180</b>	<b>-1.8</b>
Illinois .....	1,552	2,808	1,981	20,070	23,897	-16.0
Indiana .....	3,193	3,849	2,945	30,176	28,738	5.0
Michigan .....	2,334	2,923	2,314	22,962	23,586	-2.6
Ohio .....	3,949	4,642	3,685	37,135	36,577	1.5
Wisconsin .....	1,282	1,768	1,322	13,537	13,382	1.2
<b>West North Central Total</b> .....	<b>7,829</b>	<b>10,235</b>	<b>6,736</b>	<b>74,521</b>	<b>65,481</b>	<b>13.8</b>
Iowa .....	751	1,436	1,048	9,893	9,541	3.7
Kansas .....	1,271	1,527	1,078	10,553	10,898	-3.2
Minnesota .....	1,409	1,586	968	12,184	9,666	26.0
Missouri .....	2,011	2,759	1,978	18,407	17,122	7.5
Nebraska .....	534	811	462	5,680	4,904	15.9
North Dakota .....	1,658	1,898	1,186	15,950	12,533	27.3
South Dakota .....	195	218	15	1,855	817	126.9
<b>South Atlantic Total</b> .....	<b>10,521</b>	<b>13,370</b>	<b>11,119</b>	<b>97,094</b>	<b>95,430</b>	<b>1.7</b>
Delaware .....	180	230	182	1,875	1,816	3.3
District of Columbia .....	-	-	-	-	-	-
Florida .....	2,082	2,215	2,113	18,234	17,000	7.3
Georgia .....	2,169	2,813	2,272	20,401	20,913	-2.5
Maryland .....	728	885	674	6,912	6,240	10.8
North Carolina .....	1,361	2,190	1,518	13,454	13,331	.9
South Carolina .....	805	1,007	789	6,676	7,305	-8.6
Virginia .....	658	879	804	6,087	6,216	-2.1
West Virginia .....	2,538	3,150	2,768	23,456	22,608	3.8
<b>East South Central Total</b> .....	<b>6,609</b>	<b>7,901</b>	<b>6,311</b>	<b>58,856</b>	<b>56,311</b>	<b>4.5</b>
Alabama .....	1,765	2,179	1,675	15,286	15,897	-3.8
Kentucky .....	2,578	3,356	2,382	24,147	21,913	10.2
Mississippi .....	451	498	410	3,803	3,381	12.5
Tennessee .....	1,816	1,869	1,844	15,620	15,120	3.3
<b>West South Central Total</b> .....	<b>10,831</b>	<b>12,143</b>	<b>10,259</b>	<b>92,740</b>	<b>86,503</b>	<b>7.2</b>
Arkansas .....	1,208	1,313	1,029	9,175	9,377	-2.2
Louisiana .....	1,109	1,142	955	9,448	7,076	33.5
Oklahoma .....	1,328	1,588	1,151	11,040	10,278	7.4
Texas .....	7,186	8,099	7,124	63,077	59,772	5.5
<b>Mountain Total</b> .....	<b>8,136</b>	<b>9,297</b>	<b>7,491</b>	<b>73,982</b>	<b>64,607</b>	<b>14.5</b>
Arizona .....	1,245	1,395	1,127	10,807	8,985	20.3
Colorado .....	1,218	1,335	1,170	11,263	10,596	6.3
Idaho .....	-	-	-	-	-	-
Montana .....	872	933	878	7,519	4,746	58.4
Nevada .....	655	816	653	6,321	5,370	17.7
New Mexico .....	1,278	1,420	1,178	10,972	10,549	4.0
Utah .....	1,102	1,216	917	9,779	8,210	19.1
Wyoming .....	1,767	2,183	1,568	17,321	16,151	7.2
<b>Pacific Total</b> .....	<b>513</b>	<b>619</b>	<b>342</b>	<b>4,363</b>	<b>4,414</b>	<b>-1.1</b>
California .....	-	-	-	-	-	-
Oregon .....	0	0	0	0	0	-
Washington .....	491	599	328	4,162	4,221	-1.4
Alaska .....	22	20	14	201	193	4.1
Hawaii .....	-	-	-	-	-	-
<b>U.S. Total</b> .....	<b>61,547</b>	<b>75,112</b>	<b>59,259</b>	<b>571,108</b>	<b>542,266</b>	<b>5.3</b>

Note: Total may not equal sum of components because of independent rounding.  
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Exports by Continent and Country of Destination:  
September 1988  
(Short Tons)**

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>2,338,485</b>	<b>2,073,408</b>	<b>1,838,235</b>	<b>12,940,671</b>	<b>10,381,992</b>	<b>24.6</b>
Canada .....	2,301,178	2,066,862	1,831,304	12,565,038	10,215,659	23.0
Costa Rica .....	187	-	-	187	9	( <sup>1</sup> )
Dominican Republic .....	19,786	-	-	58,978	41,316	42.7
Haiti .....	6,554	-	-	32,888	-	-
Honduras .....	-	-	-	47	58	-19.0
Jamaica .....	-	-	-	19,516	-	-
Mexico .....	8,760	6,546	6,931	264,019	55,309	377.4
Netherlands Antilles .....	-	-	-	-	68,970	-
Panama .....	-	-	-	-	88	-
Trinidad & Tobago .....	-	-	-	-	583	-
<b>South America Total</b> .....	<b>439,058</b>	<b>663,439</b>	<b>552,190</b>	<b>4,125,269</b>	<b>4,921,112</b>	<b>-16.2</b>
Argentina .....	18	125,368	64,581	364,790	562,665	-35.2
Brazil .....	403,648	537,799	487,557	3,676,021	4,225,095	-13.0
Chile .....	28,837	-	-	56,212	93,311	-39.8
Colombia .....	-	-	-	15	-	-
Ecuador .....	182	182	-	364	101	260.4
Guyana .....	-	-	-	-	11	-
Peru .....	-	90	52	90	29,464	-99.7
Venezuela .....	6,373	-	-	27,777	10,465	165.4
<b>Europe Total</b> .....	<b>5,080,630</b>	<b>4,374,265</b>	<b>2,911,376</b>	<b>32,985,776</b>	<b>26,043,827</b>	<b>26.7</b>
Albania .....	27,948	24,748	-	131,126	57,260	129.0
Belgium & Luxembourg .....	421,389	698,994	418,688	4,840,160	3,257,174	48.6
Denmark .....	803,070	559,918	58,785	2,208,416	794,305	178.0
Finland .....	-	-	119,744	68,131	171,734	-60.3
France .....	488,339	332,775	250,677	3,143,195	2,167,029	45.0
Gibraltar .....	-	-	-	-	17,003	-
Iceland .....	7,129	-	5,378	33,621	28,965	16.1
Ireland .....	86,216	215,186	164,876	1,123,042	966,327	16.2
Italy .....	1,169,118	833,137	814,755	8,526,108	7,199,638	18.4
Netherlands .....	571,889	589,811	301,990	3,604,902	3,135,665	15.0
Norway .....	87,190	24,665	5,237	221,814	116,514	90.4
Portugal .....	83,187	127,571	84,338	678,527	1,265,008	-46.4
Romania .....	135,980	110,662	-	860,424	785,549	9.5
Spain .....	298,891	145,402	90,404	1,737,128	1,802,309	-3.6
Sweden .....	-	132,547	142,868	318,840	588,210	-45.8
Turkey .....	269,889	179,182	44,241	1,512,323	771,778	96.0
United Kingdom .....	319,548	293,410	398,365	2,492,389	1,920,401	29.4
West Germany .....	110,718	-	-	575,658	284,234	102.5
Yugoslavia .....	200,119	106,247	11,030	909,974	708,724	28.4
<b>Asia Total</b> .....	<b>2,095,791</b>	<b>2,146,674</b>	<b>1,247,514</b>	<b>17,785,751</b>	<b>14,808,369</b>	<b>20.1</b>
China (Taiwan) .....	433,690	373,581	406,866	3,647,785	3,494,030	4.4
India .....	-	-	-	-	53	-
Indonesia .....	-	470	-	553	164	237.2
Israel .....	-	121,929	-	243,427	242,894	.2
Japan .....	1,352,631	1,197,740	725,390	10,994,057	8,288,596	32.6
Jordan .....	-	-	-	56	-	-
Korea, Republic of .....	308,976	451,783	115,258	2,838,980	2,726,482	4.1
Kuwait .....	-	-	-	-	33	-
Pakistan .....	-	-	-	57,989	55,415	4.6
Philippines .....	-	-	-	175	141	24.1
Saudi Arabia .....	-	-	-	659	452	45.8
Singapore .....	-	1,171	-	1,171	109	( <sup>1</sup> )
Thailand .....	472	-	-	472	-	-
United Arab Emirates .....	22	-	-	447	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>309</b>	<b>-</b>	<b>127</b>	<b>1,462</b>	<b>882</b>	<b>65.8</b>
Australia .....	-	-	22	633	350	80.9
French Pacific Isl .....	-	-	105	345	532	-35.2
New Zealand .....	309	-	-	484	-	-
<b>Africa Total</b> .....	<b>113,338</b>	<b>63,996</b>	<b>115,825</b>	<b>813,047</b>	<b>1,566,148</b>	<b>-48.1</b>
Algeria .....	62,922	63,927	115,825	518,239	720,678	-28.1
Egypt .....	50,416	-	-	294,739	280,184	5.2
Gabon .....	-	69	-	69	-	-
Morocco .....	-	-	-	-	503,639	-
South Africa, Rep of .....	-	-	-	-	61,647	-
<b>Total</b> .....	<b>10,065,591</b>	<b>9,321,782</b>	<b>6,685,287</b>	<b>68,651,976</b>	<b>57,722,330</b>	<b>18.9</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Average Price<sup>1</sup> of Coal Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$41.87</b>	<b>\$42.63</b>	<b>\$41.21</b>	<b>\$42.48</b>	<b>\$42.82</b>	<b>-0.8</b>
Canada .....	41.91	42.52	41.10	42.47	42.73	-.6
Costa Rica .....	34.99	-	-	34.99	( <sup>2</sup> )	-89.7
Dominican Republic .....	35.05	-	-	37.47	38.78	-3.4
Haiti .....	30.21	-	-	30.26	-	-
Honduras .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-52.2
Jamaica .....	-	-	-	27.62	-	-
Mexico .....	55.42	( <sup>2</sup> )	( <sup>2</sup> )	46.75	( <sup>2</sup> )	-28.9
Netherlands Antilles .....	-	-	-	-	38.75	-
Panama .....	-	-	-	-	( <sup>2</sup> )	-
Trinidad & Tobago .....	-	-	-	-	( <sup>2</sup> )	-
<b>South America Total</b> .....	<b>45.95</b>	<b>44.49</b>	<b>42.99</b>	<b>44.43</b>	<b>44.82</b>	<b>-.9</b>
Argentina .....	( <sup>2</sup> )	43.71	42.14	43.69	43.83	-.3
Brazil .....	45.28	44.68	43.10	44.39	44.64	-.6
Chile .....	47.05	-	-	46.99	45.98	2.2
Colombia .....	-	-	-	( <sup>2</sup> )	-	-
Ecuador .....	34.92	34.92	-	34.92	( <sup>2</sup> )	-79.5
Guyana .....	-	-	-	-	( <sup>2</sup> )	-
Peru .....	-	40.00	39.81	40.00	50.96	-21.5
Venezuela .....	( <sup>2</sup> )	-	-	54.17	( <sup>2</sup> )	-61.1
<b>Europe Total</b> .....	<b>40.95</b>	<b>40.36</b>	<b>41.78</b>	<b>41.93</b>	<b>42.61</b>	<b>-1.6</b>
Albania .....	43.41	39.99	-	39.19	40.47	-3.2
Belgium & Luxembourg .....	42.48	41.61	39.57	42.12	41.86	.6
Denmark .....	28.97	27.54	34.93	29.94	32.23	-7.1
Finland .....	-	-	41.02	41.73	41.11	1.5
France .....	44.93	44.96	42.30	44.09	43.27	1.9
Gibraltar .....	-	-	-	-	43.18	-
Iceland .....	55.90	-	50.81	53.93	58.80	-8.3
Ireland .....	39.42	42.87	40.26	41.15	44.01	-6.5
Italy .....	42.41	42.95	40.80	42.48	41.72	1.8
Netherlands .....	42.32	37.09	41.12	40.34	43.43	-7.1
Norway .....	46.98	42.47	54.70	53.57	( <sup>2</sup> )	-16.3
Portugal .....	41.08	39.72	44.88	39.06	42.95	-9.0
Romania .....	39.18	44.56	-	41.98	42.76	-1.8
Spain .....	45.38	47.12	45.00	45.32	43.95	3.1
Sweden .....	-	46.51	43.95	45.09	43.94	2.6
Turkey .....	42.18	42.18	45.54	43.64	44.15	-1.2
United Kingdom .....	48.01	44.43	44.58	44.36	44.51	-.4
West Germany .....	45.98	-	-	45.10	41.28	9.3
Yugoslavia .....	42.79	42.69	( <sup>2</sup> )	44.95	43.74	2.8
<b>Asia Total</b> .....	<b>42.02</b>	<b>42.87</b>	<b>42.01</b>	<b>41.79</b>	<b>44.27</b>	<b>-5.6</b>
China (Taiwan) .....	42.28	39.35	39.51	40.14	40.54	-1.0
India .....	-	-	-	-	39.62	-
Indonesia .....	-	40.00	-	40.02	39.90	.3
Israel .....	-	37.76	-	36.91	36.56	1.0
Japan .....	42.69	43.82	44.96	42.19	46.70	-9.6
Jordan .....	-	-	-	50.00	-	-
Korea, Republic of .....	38.72	44.68	32.34	42.48	42.18	.7
Kuwait .....	-	-	-	-	( <sup>2</sup> )	-
Pakistan .....	-	-	-	55.30	54.43	1.6
Philippines .....	-	-	-	( <sup>2</sup> )	34.96	334.4
Saudi Arabia .....	-	-	-	39.99	( <sup>2</sup> )	-39.7
Singapore .....	-	35.01	-	35.01	( <sup>2</sup> )	-77.2
Thailand .....	38.31	-	-	38.31	-	-
United Arab Emirates .....	( <sup>2</sup> )	-	-	46.90	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>39.18</b>	<b>-</b>	<b>(<sup>2</sup>)</b>	<b>38.35</b>	<b>(<sup>2</sup>)</b>	<b>-38.0</b>
Australia .....	-	-	( <sup>2</sup> )	36.65	( <sup>2</sup> )	-61.4
French Pacific Isl .....	-	-	40.12	39.94	40.01	-.2
New Zealand .....	39.18	-	-	39.42	-	-
<b>Africa Total</b> .....	<b>45.87</b>	<b>45.52</b>	<b>40.81</b>	<b>43.89</b>	<b>41.14</b>	<b>6.7</b>
Algeria .....	47.27	45.52	40.81	43.75	44.07	-.7
Egypt .....	44.13	-	-	44.13	42.10	4.8
Gabon .....	-	40.17	-	40.17	-	-
Morocco .....	-	-	-	-	35.55	-
South Africa, Rep of .....	-	-	-	-	48.25	-
<b>Total</b> .....	<b>41.66</b>	<b>41.77</b>	<b>41.75</b>	<b>42.17</b>	<b>43.22</b>	<b>-2.4</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Coal Exports by Continent and Country of Destination, and Rank:**  
**September 1988**  
 (Short Tons)

Continent and Country of Destination	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>North America Total</b> .....	<b>79,079</b>	<b>6,046</b>	<b>977,870</b>	<b>1,273,470</b>	<b>2,251,340</b>	<b>2,336,465</b>
Canada .....	78,892	-	958,084	1,264,202	2,222,286	2,301,178
Costa Rica .....	187	-	-	-	-	187
Dominican Republic .....	-	-	19,786	-	19,786	19,786
Haiti .....	-	-	-	6,554	6,554	6,554
Mexico .....	-	6,046	-	2,714	2,714	8,760
<b>South America Total</b> .....	<b>6,573</b>	<b>-</b>	<b>432,485</b>	<b>-</b>	<b>432,485</b>	<b>439,058</b>
Argentina .....	18	-	-	-	-	18
Brazil .....	-	-	403,648	-	403,648	403,648
Chile .....	-	-	28,837	-	28,837	28,837
Ecuador .....	182	-	-	-	-	182
Venezuela .....	6,373	-	-	-	-	6,373
<b>Europe Total</b> .....	<b>2,976</b>	<b>68</b>	<b>3,496,702</b>	<b>1,580,884</b>	<b>5,077,586</b>	<b>5,080,630</b>
Albania .....	-	-	27,948	-	27,948	27,948
Belgium & Luxembourg .....	-	-	356,933	64,456	421,389	421,389
Denmark .....	-	-	-	803,070	803,070	803,070
France .....	-	-	488,339	-	488,339	488,339
Iceland .....	-	-	-	7,129	7,129	7,129
Ireland .....	-	-	-	86,216	86,216	86,216
Italy .....	-	-	758,718	410,400	1,169,118	1,169,118
Netherlands .....	-	-	470,489	101,390	571,889	571,889
Norway .....	2,976	-	18,214	66,000	84,214	87,190
Portugal .....	-	-	41,180	42,007	83,187	83,187
Romania .....	-	-	135,990	-	135,990	135,990
Spain .....	-	68	298,708	117	298,823	298,891
Turkey .....	-	-	269,790	99	269,889	269,889
United Kingdom .....	-	-	319,548	-	319,548	319,548
West Germany .....	-	-	110,718	-	110,718	110,718
Yugoslavia .....	-	-	200,119	-	200,119	200,119
<b>Asia Total</b> .....	<b>106,248</b>	<b>136</b>	<b>1,497,713</b>	<b>491,694</b>	<b>1,989,407</b>	<b>2,095,791</b>
China (Taiwan) .....	-	-	112,076	321,614	433,690	433,690
Japan .....	-	136	1,265,746	86,749	1,352,495	1,352,631
Korea, Republic of .....	105,776	-	119,891	83,309	203,200	308,876
Thailand .....	472	-	-	-	-	472
United Arab Emirates .....	-	-	-	22	22	22
<b>Oceania &amp; Australia Total</b> .....	<b>49</b>	<b>-</b>	<b>-</b>	<b>260</b>	<b>260</b>	<b>309</b>
New Zealand .....	49	-	-	260	260	309
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>113,338</b>	<b>-</b>	<b>113,338</b>	<b>113,338</b>
Algeria .....	-	-	62,922	-	62,922	62,922
Egypt .....	-	-	50,416	-	50,416	50,416
<b>Total</b> .....	<b>194,925</b>	<b>6,250</b>	<b>6,518,108</b>	<b>3,346,308</b>	<b>9,864,416</b>	<b>10,065,591</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Continent and Country of Destination, and Rank:**  
**January - September 1988**  
 (Short Tons)

Continent and Country of Destination	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>North America Total</b> .....	385,649	19,738	5,435,422	7,099,862	12,535,284	12,940,671
Canada .....	371,184	753	5,178,545	7,014,554	12,193,099	12,565,036
Costa Rica .....	187	-	-	-	-	187
Dominican Republic .....	-	-	58,978	-	58,978	58,978
Haiti .....	-	-	-	32,888	32,888	32,888
Honduras .....	22	-	25	-	25	47
Jamaica .....	-	-	-	19,516	19,516	19,516
Mexico .....	14,256	18,985	197,874	32,904	230,778	264,019
<b>South America Total</b> .....	35,986	-	3,994,764	94,519	4,089,283	4,125,269
Argentina .....	36	-	364,754	-	364,754	364,790
Brazil .....	7,511	-	3,574,081	94,429	3,668,510	3,676,021
Chile .....	283	-	55,929	-	55,929	56,212
Colombia .....	15	-	-	-	-	15
Ecuador .....	364	-	-	-	-	364
Peru .....	-	-	-	90	90	90
Venezuela .....	27,777	-	-	-	-	27,777
<b>Europe Total</b> .....	26,483	487	22,931,202	10,027,804	32,958,806	32,985,776
Albania .....	-	-	131,126	-	131,126	131,126
Belgium & Luxembourg .....	-	-	4,129,688	710,472	4,840,160	4,840,160
Denmark .....	-	-	-	2,208,416	2,208,416	2,208,416
Finland .....	-	-	68,131	-	68,131	68,131
France .....	-	-	3,119,512	23,683	3,143,195	3,143,195
Iceland .....	-	-	-	33,621	33,621	33,621
Ireland .....	-	-	-	1,096,362	1,123,042	1,123,042
Italy .....	-	277	4,993,083	3,532,746	8,525,829	8,526,106
Netherlands .....	-	-	2,028,025	1,576,877	3,604,902	3,604,902
Norway .....	24,703	-	103,085	94,026	197,111	221,814
Portugal .....	-	-	124,412	554,115	678,527	678,527
Romania .....	-	-	860,424	-	860,424	860,424
Spain .....	-	152	1,717,393	19,583	1,736,976	1,737,128
Sweden .....	-	-	271,696	47,144	318,840	318,840
Turkey .....	100	58	1,512,066	99	1,512,165	1,512,323
United Kingdom .....	132	-	2,463,828	28,431	2,492,257	2,492,389
West Germany .....	314	-	520,038	55,308	575,344	575,658
Yugoslavia .....	1,234	-	862,017	46,723	908,740	909,974
<b>Asia Total</b> .....	198,799	35,113	12,037,212	5,516,827	17,553,839	17,785,751
China (Taiwan) .....	-	34,321	823,841	2,888,823	3,613,464	3,647,785
Indonesia .....	-	83	-	470	470	553
Israel .....	-	-	-	243,427	243,427	243,427
Japan .....	-	588	9,327,585	1,665,884	10,993,469	10,994,057
Jordan .....	-	-	56	-	56	56
Korea, Republic of .....	195,102	-	2,027,961	615,917	2,643,878	2,838,980
Pakistan .....	-	-	57,989	-	57,989	57,969
Philippines .....	54	121	-	-	-	175
Saudi Arabia .....	-	-	-	659	659	659
Singapore .....	1,171	-	-	-	-	1,171
Thailand .....	472	-	-	-	-	472
United Arab Emirates .....	-	-	-	447	447	447
<b>Oceania &amp; Australia Total</b> .....	474	345	-	643	643	1,402
Australia .....	425	-	-	208	208	633
French Pacific Isl .....	-	345	-	-	-	345
New Zealand .....	49	-	-	435	435	484
<b>Africa Total</b> .....	-	-	812,978	69	813,047	813,047
Algeria .....	-	-	518,239	-	518,239	518,239
Egypt .....	-	-	294,739	-	294,739	294,739
Gabon .....	-	-	-	69	69	69
<b>Total</b> .....	845,391	55,683	45,211,578	22,739,324	67,950,902	68,651,976

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 11. Coal Exports by Customs District and Rank: September 1988**  
(Short Tons)

Customs District	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>Eastern Total</b> .....	<b>193,001</b>	<b>68</b>	<b>4,802,397</b>	<b>957,405</b>	<b>5,759,802</b>	<b>5,952,871</b>
Baltimore, MD .....	-	-	451,667	239,616	691,283	691,283
Buffalo, NY .....	4,023	-	87	-	67	4,090
New York City, NY .....	32,116	88	-	-	-	32,184
Ogdensburg, NY .....	386	-	-	613	613	999
Philadelphia, PA .....	156,476	-	-	333,995	333,995	490,471
Norfolk, VA .....	-	-	4,350,663	383,181	4,733,844	4,733,844
<b>Southern Total</b> .....	<b>-</b>	<b>5,928</b>	<b>757,694</b>	<b>810,285</b>	<b>1,567,979</b>	<b>1,573,907</b>
Mobile, AL .....	-	-	603,490	59,103	662,593	662,593
New Orleans, LA .....	-	-	66,318	751,083	817,401	817,401
Wilmington, NC .....	-	-	69,672	-	69,672	69,672
Charleston, SC .....	-	-	18,214	-	18,214	18,214
Houston-Galveston, TX .....	-	-	-	99	99	99
Laredo, TX .....	-	5,928	-	-	-	5,928
<b>Western Total</b> .....	<b>521</b>	<b>254</b>	<b>-</b>	<b>152,035</b>	<b>152,035</b>	<b>152,810</b>
Anchorage, AK .....	-	-	-	83,309	83,309	83,309
Los Angeles, CA .....	501	-	-	-	-	501
San Diego, CA .....	-	118	-	54	54	172
San Francisco, CA .....	20	-	-	260	260	280
Seattle, WA .....	-	136	-	68,412	68,412	68,548
<b>Northern Total</b> .....	<b>1,403</b>	<b>-</b>	<b>958,017</b>	<b>1,426,583</b>	<b>2,384,600</b>	<b>2,386,003</b>
Detroit, MI .....	1,328	-	-	5,855	5,855	7,183
Duluth, MN .....	-	-	24,252	28,354	52,606	52,606
Pembina, ND .....	75	-	197	920	1,117	1,192
Cleveland, OH .....	-	-	933,568	1,391,454	2,325,022	2,325,022
<b>Total</b> .....	<b>194,925</b>	<b>6,250</b>	<b>6,518,108</b>	<b>3,346,308</b>	<b>9,864,416</b>	<b>10,065,591</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Coal Exports by Customs District and Rank:**  
**January - September 1988**  
(Short Tons)

Customs District	Anthracite	Lignite <sup>1</sup>	Bituminous			Total
			Metallurgical	Steam <sup>2</sup>	Total	
<b>Eastern Total</b> .....	<b>606,753</b>	<b>209</b>	<b>32,420,785</b>	<b>7,035,022</b>	<b>39,455,807</b>	<b>40,062,769</b>
Baltimore, MD .....	1,391	141	3,213,106	2,285,192	5,498,298	5,499,830
Buffalo, NY .....	42,054	-	661	2,253	2,914	44,969
New York City, NY .....	66,514	68	-	45	45	66,627
Ogdensburg, NY .....	1,205	-	-	3,544	3,544	4,749
Philadelphia, PA .....	495,164	-	87,755	1,236,089	1,323,844	1,819,008
Norfolk, VA .....	425	-	29,119,263	3,507,542	32,626,805	32,627,230
St. Albans, VT .....	-	-	-	357	357	357
<b>Southern Total</b> .....	<b>27,454</b>	<b>18,443</b>	<b>7,389,672</b>	<b>7,167,822</b>	<b>14,557,494</b>	<b>14,603,391</b>
Mobile, AL .....	-	-	5,919,210	735,991	6,655,201	6,655,201
Savannah, GA .....	-	84	-	-	-	84
Miami, FL .....	22	-	-	13	13	35
New Orleans, LA .....	15,799	-	842,123	6,285,481	7,127,604	7,143,403
Wilmington, NC .....	-	-	193,476	500	193,976	193,976
Charleston, SC .....	-	113	434,311	65,826	500,137	500,250
El Paso, TX .....	-	-	61	-	61	61
Houston-Galveston, TX .....	16	-	123	76,017	76,140	76,156
Laredo, TX .....	11,617	18,246	368	3,994	4,362	34,225
<b>Western Total</b> .....	<b>521</b>	<b>36,212</b>	<b>222,468</b>	<b>1,156,755</b>	<b>1,379,223</b>	<b>1,415,956</b>
Anchorage, AK .....	-	-	-	594,114	594,114	594,114
Los Angeles, CA .....	501	-	199,307	437,195	636,502	637,003
San Diego, CA .....	-	739	-	609	609	1,348
San Francisco, CA .....	20	345	-	390	390	755
Great Falls, MT .....	-	98	-	905	905	1,003
Portland, OR .....	-	-	-	110	110	110
Seattle, WA .....	-	35,030	23,161	123,432	146,593	181,623
<b>Northern Total</b> .....	<b>10,663</b>	<b>819</b>	<b>5,178,653</b>	<b>7,379,725</b>	<b>12,558,378</b>	<b>12,569,860</b>
Chicago, IL .....	-	-	176	-	176	176
Detroit, MI .....	10,082	413	593	19,882	20,475	30,970
Duluth, MN .....	-	-	24,315	26,354	52,669	52,669
Pembina, ND .....	581	408	197	3,202	3,399	4,388
Cleveland, OH .....	-	-	5,153,372	7,328,287	12,481,659	12,481,659
<b>Total</b> .....	<b>645,391</b>	<b>55,683</b>	<b>45,211,578</b>	<b>22,739,324</b>	<b>67,950,902</b>	<b>68,651,976</b>

<sup>1</sup> Includes drilling mud containing lignite.

<sup>2</sup> Includes subbituminous coal.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."



**Table 13. Bituminous<sup>1</sup> Coal Exports: September 1988**  
(Short Tons)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>2,251,340</b>	<b>2,032,882</b>	<b>1,762,184</b>	<b>12,535,284</b>	<b>10,002,021</b>	<b>25.3</b>
Canada .....	2,222,286	2,027,822	1,757,036	12,193,099	9,855,809	23.7
Dominican Republic .....	19,786	-	-	58,978	41,261	42.9
Haiti .....	6,554	-	-	32,888	-	-
Honduras .....	-	-	-	25	36	-30.6
Jamaica .....	-	-	-	19,516	-	-
Mexico .....	2,714	5,060	5,148	230,778	35,945	( <sup>2</sup> )
Netherlands Antilles .....	-	-	-	-	68,970	-
<b>South America Total</b> .....	<b>432,485</b>	<b>663,257</b>	<b>552,190</b>	<b>4,089,283</b>	<b>4,899,411</b>	<b>-16.5</b>
Argentina .....	-	125,368	64,581	364,754	562,652	-35.2
Brazil .....	403,648	537,799	487,557	3,668,510	4,213,991	-12.9
Chile .....	28,837	-	-	55,929	93,293	-40.1
Guyana .....	-	-	-	-	11	-
Peru .....	-	90	52	90	29,464	-99.7
<b>Europe Total</b> .....	<b>5,077,586</b>	<b>4,374,124</b>	<b>2,911,266</b>	<b>32,958,806</b>	<b>26,021,844</b>	<b>26.7</b>
Albania .....	27,948	24,748	-	131,126	57,260	129.0
Belgium & Luxembourg .....	421,389	698,994	418,688	4,840,160	3,257,174	48.6
Denmark .....	803,070	559,918	58,785	2,208,416	794,305	178.0
Finland .....	-	-	119,744	68,131	171,734	-60.3
France .....	488,339	332,775	250,677	3,143,195	2,167,029	45.0
Gibraltar .....	-	-	-	-	17,003	-
Iceland .....	7,129	-	5,378	33,621	28,965	16.1
Ireland .....	86,216	215,186	164,876	1,123,042	966,327	16.2
Italy .....	1,169,118	833,053	814,645	8,525,829	7,199,528	18.4
Netherlands .....	571,889	589,811	301,990	3,604,902	3,135,665	15.0
Norway .....	84,214	24,608	5,237	197,111	98,126	100.9
Portugal .....	83,187	127,571	84,338	678,527	1,265,008	-46.4
Romania .....	135,990	110,662	-	860,424	785,549	9.5
Spain .....	298,823	145,402	90,404	1,736,976	1,802,189	-3.6
Sweden .....	-	132,547	142,868	318,840	588,210	-45.8
Turkey .....	269,889	179,192	44,241	1,512,165	771,778	85.9
United Kingdom .....	319,548	293,410	398,365	2,492,257	1,923,266	29.6
West Germany .....	110,718	-	-	575,344	284,124	102.5
Yugoslavia .....	200,119	106,247	11,030	908,740	708,604	28.2
<b>Asia Total</b> .....	<b>1,989,407</b>	<b>2,089,190</b>	<b>1,132,256</b>	<b>17,553,839</b>	<b>14,408,363</b>	<b>21.8</b>
China (Taiwan) .....	433,690	373,581	406,866	3,613,464	3,494,030	3.4
Indonesia .....	-	470	-	470	164	186.6
Israel .....	-	121,929	-	243,427	242,894	.2
Japan .....	1,352,495	1,197,604	725,390	10,993,469	8,288,040	32.6
Jordan .....	-	-	-	56	-	-
Korea, Republic of .....	203,200	395,606	-	2,643,878	2,327,368	13.6
Pakistan .....	-	-	-	57,969	55,415	4.6
Saudi Arabia .....	-	-	-	659	452	45.8
United Arab Emirates .....	22	-	-	447	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>260</b>	<b>-</b>	<b>22</b>	<b>643</b>	<b>307</b>	<b>109.4</b>
Australia .....	-	-	22	208	307	-32.2
New Zealand .....	260	-	-	435	-	-
<b>Africa Total</b> .....	<b>113,338</b>	<b>63,998</b>	<b>115,825</b>	<b>813,047</b>	<b>1,566,122</b>	<b>-48.1</b>
Algeria .....	62,922	63,927	115,825	518,239	720,678	-28.1
Egypt .....	50,416	-	-	294,739	280,158	5.2
Gabon .....	-	69	-	69	-	-
Morocco .....	-	-	-	-	503,639	-
South Africa, Rep of .....	-	-	-	-	61,647	-
<b>Total</b> .....	<b>9,804,416</b>	<b>9,223,449</b>	<b>6,473,743</b>	<b>67,950,902</b>	<b>56,898,068</b>	<b>19.4</b>

<sup>1</sup> Includes subbituminous coal.

<sup>2</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 14. Average Price<sup>1</sup> of Bituminous<sup>2</sup> Coal Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$41.08	\$42.29	\$40.38	\$41.92	\$42.10	-0.4
Canada .....	41.10	42.18	40.25	41.89	42.00	-.3
Dominican Republic .....	35.05	-	-	37.47	38.45	-2.5
Haiti .....	30.21	-	-	30.26	-	-
Honduras .....	-	-	-	( <sup>3</sup> )	( <sup>3</sup> )	-56.6
Jamaica .....	-	-	-	27.62	-	-
Mexico .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	47.50	( <sup>3</sup> )	-41.5
Netherlands Antilles .....	-	-	-	-	38.75	-
South America Total .....	45.40	44.50	42.99	44.26	44.50	-.5
Argentina .....	-	43.71	42.14	43.68	43.83	-.3
Brazil .....	45.28	44.68	43.10	44.28	44.61	-.5
Chile .....	47.05	-	-	47.05	45.97	2.4
Guyana .....	-	-	-	-	( <sup>3</sup> )	-
Peru .....	-	40.00	39.81	40.00	50.96	-21.5
Europe Total .....	40.93	40.36	41.78	41.90	42.58	-1.6
Albania .....	43.41	39.99	-	39.19	40.47	-3.2
Belgium & Luxembourg .....	42.48	41.61	39.57	42.12	41.86	.6
Denmark .....	28.97	27.54	34.93	29.94	32.23	-7.1
Finland .....	-	-	41.02	41.73	41.11	1.5
France .....	44.93	44.96	42.30	44.09	43.27	1.9
Gibraltar .....	-	-	-	-	43.18	-
Iceland .....	55.90	-	50.81	53.93	58.80	-8.3
Ireland .....	39.42	42.87	40.26	41.15	44.01	-6.5
Italy .....	42.41	42.95	40.80	42.48	41.72	1.8
Netherlands .....	42.32	37.09	41.12	40.34	43.43	-7.1
Norway .....	45.84	42.49	54.70	50.05	59.99	-16.6
Portugal .....	41.08	39.72	44.86	39.06	42.95	-9.0
Romania .....	39.16	44.56	-	41.98	42.76	-1.8
Spain .....	45.38	47.12	45.00	45.32	43.95	3.1
Sweden .....	-	46.51	43.95	45.09	43.94	2.6
Turkey .....	42.18	42.18	45.54	43.64	44.15	-1.2
United Kingdom .....	46.01	44.43	44.58	44.35	44.53	-.4
West Germany .....	45.98	-	-	45.11	41.23	9.4
Yugoslavia .....	42.79	42.69	( <sup>3</sup> )	44.86	43.74	2.8
Asia Total .....	42.54	42.83	43.00	41.89	44.61	-6.1
China (Taiwan) .....	42.28	39.35	39.51	40.32	40.54	-.5
Indonesia .....	-	40.00	-	40.00	39.90	.3
Israel .....	-	37.76	-	36.91	36.56	1.0
Japan .....	42.68	43.81	44.96	42.19	46.69	-9.6
Jordan .....	-	-	-	50.00	-	-
Korea, Republic of .....	42.17	44.74	-	42.99	43.88	-2.0
Pakistan .....	-	-	-	55.30	54.43	1.6
Saudi Arabia .....	-	-	-	39.99	( <sup>3</sup> )	-39.7
United Arab Emirates .....	( <sup>3</sup> )	-	-	46.90	-	-
Oceania & Australia Total .....	39.94	-	( <sup>3</sup> )	39.94	( <sup>3</sup> )	-61.1
Australia .....	-	-	( <sup>3</sup> )	40.02	( <sup>3</sup> )	-61.1
New Zealand .....	39.94	-	-	39.90	-	-
Africa Total .....	45.87	45.52	40.81	43.89	41.14	6.7
Algeria .....	47.27	45.52	40.81	43.75	44.07	-.7
Egypt .....	44.13	-	-	44.13	42.10	4.8
Gabon .....	-	40.17	-	40.17	-	-
Morocco .....	-	-	-	-	35.55	-
South Africa, Rep of .....	-	-	-	-	48.25	-
<b>Total .....</b>	<b>41.54</b>	<b>41.88</b>	<b>41.70</b>	<b>42.07</b>	<b>43.13</b>	<b>-2.5</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 15. Bituminous Metallurgical Coal Exports: September 1988**  
(Short Tons)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	977,870	817,268	636,096	5,435,422	4,449,868	22.1
Canada .....	958,084	817,268	636,096	5,178,545	4,333,884	19.5
Dominican Republic .....	19,786	-	-	58,978	41,214	43.1
Honduras .....	-	-	-	25	-	-
Mexico .....	-	-	-	197,874	5,798	( <sup>1</sup> )
Netherlands Antilles .....	-	-	-	-	68,970	-
South America Total .....	432,485	663,167	552,138	3,994,764	4,808,155	-18.9
Argentina .....	-	125,368	64,581	364,754	562,652	-35.2
Brazil .....	403,648	537,799	487,557	3,574,081	4,152,210	-13.9
Chile .....	28,837	-	-	55,929	93,293	-40.1
Europe Total .....	3,496,702	2,308,528	1,961,573	22,931,202	18,139,343	26.4
Albania .....	27,948	24,748	-	131,126	57,260	129.0
Belgium & Luxembourg .....	356,933	476,455	286,787	4,129,688	2,791,958	47.9
Finland .....	-	-	119,744	68,131	171,734	-60.3
France .....	488,339	332,775	250,677	3,119,512	2,048,562	52.3
Gibraltar .....	-	-	-	-	17,003	-
Ireland .....	-	21,593	-	26,680	90,367	-70.5
Italy .....	758,718	397,195	439,377	4,993,083	4,087,460	22.2
Netherlands .....	470,499	98,350	189,240	2,028,025	1,956,467	3.7
Norway .....	18,214	1,602	5,237	103,085	91,653	12.5
Portugal .....	41,180	-	-	124,412	196,584	-36.7
Romania .....	135,990	110,662	-	860,424	785,549	9.5
Spain .....	298,706	133,752	85,037	1,717,393	1,716,648	( <sup>1</sup> )
Sweden .....	-	132,547	142,868	271,696	588,210	-53.8
Turkey .....	269,790	179,192	44,241	1,512,066	771,778	95.9
United Kingdom .....	319,548	293,410	398,365	2,463,826	1,923,266	28.1
West Germany .....	110,718	-	-	520,038	191,433	171.7
Yugoslavia .....	200,119	106,247	-	862,017	653,411	31.9
Asia Total .....	1,497,713	1,536,247	685,581	12,037,212	9,737,584	23.6
China (Taiwan) .....	112,076	101,133	33,401	623,641	310,202	101.0
Japan .....	1,265,746	1,112,230	652,180	9,327,585	7,669,359	21.6
Jordan .....	-	-	-	56	-	-
Korea, Republic of .....	119,891	322,884	-	2,027,961	1,702,608	19.1
Pakistan .....	-	-	-	57,969	55,415	4.6
Africa Total .....	113,338	63,927	115,825	812,978	1,062,493	-23.5
Algeria .....	62,922	63,927	115,825	518,239	720,678	-28.1
Egypt .....	50,416	-	-	294,739	280,158	5.2
South Africa, Rep of .....	-	-	-	-	61,647	-
<b>Total .....</b>	<b>6,518,108</b>	<b>5,389,137</b>	<b>3,951,213</b>	<b>45,211,578</b>	<b>38,197,431</b>	<b>18.4</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

(\*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 16. Average Price<sup>1</sup> of Bituminous Metallurgical Coal Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$45.27</b>	<b>\$46.87</b>	<b>\$44.83</b>	<b>\$45.87</b>	<b>\$45.16</b>	<b>1.6</b>
Canada .....	45.48	46.87	44.83	46.10	45.28	1.8
Dominican Republic .....	35.05	-	-	37.47	38.12	-1.7
Honduras .....	-	-	-	( <sup>2</sup> )	-	-
Mexico .....	-	-	-	42.43	( <sup>2</sup> )	-48.0
Netherlands Antilles .....	-	-	-	-	38.75	-
<b>South America Total</b> .....	<b>45.40</b>	<b>44.50</b>	<b>42.99</b>	<b>44.23</b>	<b>44.41</b>	<b>-1.4</b>
Argentina .....	-	43.71	42.14	43.68	43.83	-3
Brazil .....	45.28	44.68	43.10	44.25	44.45	-5
Chile .....	47.05	-	-	47.05	45.97	2.4
<b>Europe Total</b> .....	<b>44.16</b>	<b>44.69</b>	<b>43.04</b>	<b>43.95</b>	<b>43.98</b>	<b>-1</b>
Albania .....	43.41	39.99	-	39.19	40.47	-3.2
Belgium & Luxembourg .....	45.03	45.17	41.64	43.61	42.92	1.6
Finland .....	-	-	41.02	41.73	41.11	1.5
France .....	44.93	44.96	42.30	44.16	43.66	1.1
Gibraltar .....	-	-	-	-	43.18	-
Ireland .....	-	39.88	-	42.31	41.64	1.6
Italy .....	43.67	45.20	43.47	44.30	44.32	-1
Netherlands .....	43.87	44.59	41.72	42.23	44.59	-5.3
Norway .....	( <sup>2</sup> )	( <sup>2</sup> )	54.70	57.29	( <sup>2</sup> )	-4.8
Portugal .....	41.50	-	-	42.99	44.50	-3.4
Romania .....	39.16	44.56	-	41.98	42.76	-1.8
Spain .....	45.38	46.10	42.67	45.17	44.59	1.3
Sweden .....	-	46.51	43.95	46.13	43.94	5.0
Turkey .....	42.18	42.18	45.54	43.64	44.15	-1.2
United Kingdom .....	46.01	44.43	44.58	44.44	44.53	-2
West Germany .....	45.98	-	-	44.79	43.40	3.2
Yugoslavia .....	42.79	42.69	-	43.71	42.88	1.9
<b>Asia Total</b> .....	<b>43.71</b>	<b>44.46</b>	<b>45.40</b>	<b>43.63</b>	<b>46.96</b>	<b>-7.1</b>
China (Taiwan) .....	45.27	43.40	42.96	43.99	44.60	-1.4
Japan .....	43.42	44.02	45.52	43.25	47.42	-8.8
Jordan .....	-	-	-	50.00	-	-
Korea, Republic of .....	45.29	46.33	-	44.96	45.08	-3
Pakistan .....	-	-	-	55.30	54.43	1.6
<b>Africa Total</b> .....	<b>45.87</b>	<b>45.52</b>	<b>40.81</b>	<b>43.89</b>	<b>43.80</b>	<b>.2</b>
Algeria .....	47.27	45.52	40.81	43.75	44.07	-7
Egypt .....	44.13	-	-	44.13	42.10	4.8
South Africa, Rep of .....	-	-	-	-	48.25	-
<b>Total</b> .....	<b>44.34</b>	<b>44.94</b>	<b>43.66</b>	<b>44.12</b>	<b>44.93</b>	<b>-1.8</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 17. Bituminous Steam<sup>1</sup> Coal Exports: September 1988**  
(Short Tons)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>1,273,470</b>	<b>1,215,614</b>	<b>1,126,088</b>	<b>7,099,862</b>	<b>5,552,155</b>	<b>27.9</b>
Canada .....	1,264,202	1,210,554	1,120,940	7,014,554	5,521,925	27.0
Dominican Republic .....	-	-	-	-	47	-
Haiti .....	6,554	-	-	32,888	-	-
Honduras .....	-	-	-	-	36	-
Jamaica .....	-	-	-	19,516	-	-
Mexico .....	2,714	5,060	5,148	32,904	30,147	9.1
<b>South America Total</b> .....	<b>-</b>	<b>90</b>	<b>52</b>	<b>94,519</b>	<b>91,256</b>	<b>3.6</b>
Brazil .....	-	-	-	94,429	61,781	52.8
Guyana .....	-	-	-	-	11	-
Peru .....	-	90	52	90	29,464	-99.7
<b>Europe Total</b> .....	<b>1,580,884</b>	<b>2,065,596</b>	<b>949,693</b>	<b>10,027,604</b>	<b>7,882,501</b>	<b>27.2</b>
Belgium & Luxembourg .....	64,456	222,539	131,901	710,472	465,216	52.7
Denmark .....	803,070	559,918	58,785	2,208,416	794,305	178.0
France .....	-	-	-	23,683	118,467	-80.0
Iceland .....	7,129	-	5,378	33,621	28,965	16.1
Ireland .....	86,216	193,593	164,876	1,096,362	875,960	25.2
Italy .....	410,400	435,858	375,268	3,532,746	3,112,068	13.5
Netherlands .....	101,390	491,461	112,750	1,576,877	1,179,199	33.7
Norway .....	66,000	23,008	-	94,026	6,473	( <sup>2</sup> )
Portugal .....	42,007	127,571	84,338	554,115	1,068,424	-48.1
Spain .....	117	11,650	5,367	19,593	85,541	-77.1
Sweden .....	-	-	-	47,144	-	-
Turkey .....	99	-	-	99	-	-
United Kingdom .....	-	-	-	28,431	-	-
West Germany .....	-	-	-	55,306	92,691	-40.3
Yugoslavia .....	-	-	11,030	46,723	55,193	-15.3
<b>Asia Total</b> .....	<b>491,694</b>	<b>552,943</b>	<b>446,675</b>	<b>5,516,627</b>	<b>4,670,779</b>	<b>18.1</b>
China (Taiwan) .....	321,614	272,448	373,485	2,989,823	3,193,828	-6.1
Indonesia .....	-	470	-	470	164	186.6
Israel .....	-	121,929	-	243,427	242,894	.2
Japan .....	86,749	85,374	73,210	1,865,884	618,691	169.3
Korea, Republic of .....	83,309	72,722	-	615,917	624,780	-1.4
Saudi Arabia .....	-	-	-	659	452	45.8
United Arab Emirates .....	22	-	-	447	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>260</b>	<b>-</b>	<b>22</b>	<b>643</b>	<b>307</b>	<b>109.4</b>
Australia .....	-	-	22	208	307	-32.2
New Zealand .....	260	-	-	435	-	-
<b>Africa Total</b> .....	<b>-</b>	<b>69</b>	<b>-</b>	<b>69</b>	<b>503,639</b>	<b>-100.0</b>
Gabon .....	-	69	-	69	-	-
Morocco .....	-	-	-	-	503,639	-
<b>Total</b> .....	<b>3,348,308</b>	<b>3,834,312</b>	<b>2,522,530</b>	<b>22,739,324</b>	<b>18,700,637</b>	<b>21.6</b>

<sup>1</sup> Includes subbituminous coal.

<sup>2</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 18. Average Price<sup>1</sup> of Bituminous Steam<sup>2</sup> Coal Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$37.86	\$39.21	\$37.86	\$38.89	\$39.66	-1.9
Canada .....	37.78	39.01	37.65	38.78	39.42	-1.6
Dominican Republic .....	-	-	-	-	( <sup>3</sup> )	-
Haiti .....	30.21	-	-	30.26	-	-
Honduras .....	-	-	-	-	( <sup>3</sup> )	-
Jamaica .....	-	-	-	27.62	-	-
Mexico .....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	-3.9
South America Total .....	-	40.00	39.81	45.42	49.26	-7.8
Brazil .....	-	-	-	45.42	48.36	-6.1
Guyana .....	-	-	-	-	( <sup>3</sup> )	-
Peru .....	-	40.00	39.81	40.00	50.96	-21.5
Europe Total .....	33.76	35.51	39.19	37.23	39.34	-5.4
Belgium & Luxembourg .....	28.35	34.00	35.06	33.45	35.53	-5.8
Denmark .....	28.97	27.54	34.93	29.94	32.23	-7.1
France .....	-	-	-	34.88	36.50	-4.4
Iceland .....	55.90	-	50.81	53.93	58.80	-8.3
Ireland .....	39.42	43.21	40.26	41.13	44.25	-7.1
Italy .....	40.08	40.90	37.67	39.90	38.30	4.2
Netherlands .....	35.11	35.59	40.11	37.92	41.52	-8.7
Norway .....	41.86	40.71	-	42.10	57.76	-27.1
Portugal .....	40.66	39.72	44.86	38.18	42.66	-10.5
Spain .....	39.91	58.86	( <sup>3</sup> )	58.37	31.19	87.1
Sweden .....	-	-	-	39.08	-	-
Turkey .....	39.88	-	-	39.88	-	-
United Kingdom .....	-	-	-	36.81	-	-
West Germany .....	-	-	-	48.08	36.75	30.8
Yugoslavia .....	-	-	( <sup>3</sup> )	( <sup>3</sup> )	53.98	26.1
Asia Total .....	38.99	38.31	39.32	38.10	39.70	-4.0
China (Taiwan) .....	41.23	37.84	39.20	39.55	40.14	-1.5
Indonesia .....	-	40.00	-	40.00	39.90	.3
Israel .....	-	37.76	-	36.91	36.56	1.0
Japan .....	31.90	41.09	39.91	36.26	37.68	-3.8
Korea, Republic of .....	37.68	37.68	-	36.48	40.63	-10.2
Saudi Arabia .....	-	-	-	39.99	( <sup>3</sup> )	-39.7
United Arab Emirates .....	( <sup>3</sup> )	-	-	46.90	-	-
Oceania & Australia Total .....	39.94	-	( <sup>3</sup> )	39.94	( <sup>3</sup> )	-61.1
Australia .....	-	-	( <sup>3</sup> )	40.02	( <sup>3</sup> )	-61.1
New Zealand .....	39.94	-	-	39.90	-	-
Africa Total .....	-	40.17	-	40.17	35.55	13.0
Gabon .....	-	40.17	-	40.17	-	-
Morocco .....	-	-	-	-	35.55	-
Total .....	36.09	37.09	38.62	37.99	39.47	-3.7

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes subbituminous coal.

<sup>3</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 19. Anthracite Exports: September 1988**  
(Short Tons)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>79,079</b>	<b>39,474</b>	<b>76,051</b>	<b>385,649</b>	<b>370,209</b>	<b>4.2</b>
Canada .....	78,892	39,040	74,268	371,184	357,092	3.9
Costa Rica .....	187	-	-	187	9	( <sup>1</sup> )
Dominican Republic .....	-	-	-	-	55	-
Honduras .....	-	-	-	22	22	.0
Mexico .....	-	434	1,783	14,256	12,360	15.3
Panama .....	-	-	-	-	88	-
Trinidad & Tobago .....	-	-	-	-	583	-
<b>South America Total</b> .....	<b>6,573</b>	<b>182</b>	<b>-</b>	<b>35,986</b>	<b>21,644</b>	<b>66.3</b>
Argentina .....	18	-	-	36	13	176.9
Brazil .....	-	-	-	7,511	11,104	-32.4
Chile .....	-	-	-	283	18	( <sup>1</sup> )
Colombia .....	-	-	-	15	-	-
Ecuador .....	182	182	-	364	44	( <sup>1</sup> )
Venezuela .....	6,373	-	-	27,777	10,465	165.4
<b>Europe Total</b> .....	<b>2,976</b>	<b>57</b>	<b>-</b>	<b>26,483</b>	<b>21,618</b>	<b>22.5</b>
Norway .....	2,976	57	-	24,703	18,388	34.3
Turkey .....	-	-	-	100	-	-
United Kingdom .....	-	-	-	132	3,000	-95.6
West Germany .....	-	-	-	314	110	185.5
Yugoslavia .....	-	-	-	1,234	120	( <sup>1</sup> )
<b>Asia Total</b> .....	<b>106,248</b>	<b>57,348</b>	<b>115,258</b>	<b>196,799</b>	<b>399,288</b>	<b>-50.7</b>
Korea, Republic of .....	105,776	56,177	115,258	195,102	399,038	-51.1
Philippines .....	-	-	-	54	141	-81.7
Singapore .....	-	1,171	-	1,171	109	( <sup>1</sup> )
Thailand .....	472	-	-	472	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>49</b>	<b>-</b>	<b>-</b>	<b>474</b>	<b>-</b>	<b>-</b>
Australia .....	-	-	-	425	-	-
New Zealand .....	49	-	-	49	-	-
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>-</b>
Egypt .....	-	-	-	-	26	-
<b>Total</b> .....	<b>194,925</b>	<b>97,061</b>	<b>191,309</b>	<b>645,391</b>	<b>812,785</b>	<b>-20.6</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 20. Average Price<sup>1</sup> of Anthracite Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-2.0
Canada .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-1.9
Costa Rica .....	\$34.99	-	-	\$34.99	( <sup>2</sup> )	-89.7
Dominican Republic .....	-	-	-	-	( <sup>2</sup> )	-
Honduras .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-32.2
Mexico .....	-	\$35.01	\$35.01	43.64	\$35.32	23.5
Panama .....	-	-	-	-	( <sup>2</sup> )	-
Trinidad & Tobago .....	-	-	-	-	( <sup>2</sup> )	-
South America Total .....	( <sup>2</sup> )	34.92	-	( <sup>2</sup> )	( <sup>2</sup> )	-45.1
Argentina .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-37.5
Brazil .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	7.2
Chile .....	-	-	-	34.98	( <sup>2</sup> )	-72.2
Colombia .....	-	-	-	( <sup>2</sup> )	-	-
Ecuador .....	34.92	34.92	-	34.92	( <sup>2</sup> )	-71.3
Venezuela .....	( <sup>2</sup> )	-	-	54.17	( <sup>2</sup> )	-61.1
Europe Total .....	( <sup>2</sup> )	34.93	-	( <sup>2</sup> )	( <sup>2</sup> )	.7
Norway .....	( <sup>2</sup> )	34.93	-	( <sup>2</sup> )	( <sup>2</sup> )	-4.3
Turkey .....	-	-	-	34.89	-	-
United Kingdom .....	-	-	-	( <sup>2</sup> )	35.00	206.0
West Germany .....	-	-	-	35.03	( <sup>2</sup> )	-79.4
Yugoslavia .....	-	-	-	39.59	35.13	12.7
Asia Total .....	32.14	44.08	32.34	35.62	32.24	10.6
Korea, Republic of .....	32.11	44.27	32.34	35.61	32.21	10.6
Philippines .....	-	-	-	34.91	34.98	-.1
Singapore .....	-	35.01	-	35.01	( <sup>2</sup> )	-77.2
Thailand .....	38.31	-	-	38.31	-	-
Oceania & Australia Total .....	35.16	-	-	35.02	-	-
Australia .....	-	-	-	35.00	-	-
New Zealand .....	35.16	-	-	35.16	-	-
Africa Total .....	-	-	-	-	58.65	-
Egypt .....	-	-	-	-	58.65	-
Total .....	47.72	50.56	43.57	54.13	49.38	9.6

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$60.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."



**Table 21. Coke Exports: September 1988**  
(Short Tons)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		Percent Change
				1988	1987	
North America Total .....	26,557	32,322	29,349	278,847	259,042	7.6
Canada .....	16,809	21,504	17,883	212,435	180,658	17.6
Costa Rica .....	53	-	-	98	-	-
Dominican Republic .....	98	-	-	118	-	-
El Salvador .....	-	-	-	20	-	-
Guatemala .....	106	-	-	106	101	5.0
Honduras .....	-	-	84	150	352	-57.4
Jamaica .....	-	-	-	-	122	-
Mexico .....	9,391	10,818	11,382	65,731	77,809	-15.5
Panama .....	100	-	-	100	-	-
Trinidad & Tobago .....	-	-	-	89	-	-
South America Total .....	-	22,609	-	120,954	71,169	70.0
Brazil .....	-	-	-	52,083	-	-
Chile .....	-	-	-	-	2,906	-
Peru .....	-	-	-	-	1,702	-
Venezuela .....	-	22,609	-	68,871	68,561	3.5
Europe Total .....	48,786	9,551	-	154,327	52,175	195.8
Belgium & Luxembourg .....	-	-	-	-	21,483	-
France .....	-	-	-	36,369	-	-
Italy .....	9,444	-	-	9,444	-	-
Netherlands .....	-	-	-	-	15,304	-
Spain .....	39,342	-	-	39,342	-	-
Sweden .....	-	9,551	-	9,551	9,368	2.0
Turkey .....	-	-	-	20,572	-	-
United Kingdom .....	-	-	-	28,932	154	( <sup>1</sup> )
Yugoslavia .....	-	-	-	10,117	5,866	72.5
Asia Total .....	16,822	-	-	170,887	30,568	459.0
Japan .....	16,822	-	-	46,652	30,345	53.7
Korea, Republic of .....	-	-	-	-	223	-
Philippines .....	-	-	-	124,235	-	-
Total .....	92,165	64,482	29,349	725,015	412,954	75.6

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 22. Average Price<sup>1</sup> of Coke Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$120.67</b>	<b>\$112.74</b>	<b>\$106.24</b>	<b>\$100.42</b>	<b>\$88.73</b>	<b>13.2</b>
Canada .....	121.21	121.67	115.63	95.95	88.20	8.8
Costa Rica .....	85.38	-	-	163.52	-	-
Dominican Republic .....	( <sup>2</sup> )	-	-	( <sup>2</sup> )	-	-
El Salvador .....	-	-	-	175.00	-	-
Guatemala .....	84.84	-	-	84.84	85.02	-2
Honduras .....	-	-	160.71	180.00	182.53	-1.4
Jamaica .....	-	-	-	-	( <sup>2</sup> )	-
Mexico .....	119.54	94.99	91.09	114.12	89.28	27.8
Panama .....	84.48	-	-	84.48	-	-
Trinidad & Tobago .....	-	-	-	( <sup>2</sup> )	-	-
<b>South America Total</b> .....	<b>-</b>	<b>60.00</b>	<b>-</b>	<b>56.97</b>	<b>59.16</b>	<b>-3.7</b>
Brazil .....	-	-	-	54.43	-	-
Chile .....	-	-	-	-	96.25	-
Peru .....	-	-	-	-	95.27	-
Venezuela .....	-	60.00	-	58.89	56.62	4.0
<b>Europe Total</b> .....	<b>77.42</b>	<b>44.68</b>	<b>-</b>	<b>62.28</b>	<b>70.85</b>	<b>-12.1</b>
Belgium & Luxembourg .....	-	-	-	-	82.56	-
France .....	-	-	-	60.00	-	-
Italy .....	150.00	-	-	150.00	-	-
Netherlands .....	-	-	-	-	81.60	-
Spain .....	60.00	-	-	60.00	-	-
Sweden .....	-	44.68	-	44.68	42.87	4.2
Turkey .....	-	-	-	60.00	-	-
United Kingdom .....	-	-	-	47.85	84.96	-43.7
Yugoslavia .....	-	-	-	60.00	44.22	35.7
<b>Asia Total</b> .....	<b>3.19</b>	<b>-</b>	<b>-</b>	<b>50.32</b>	<b>133.49</b>	<b>-62.3</b>
Japan .....	3.19	-	-	91.11	133.84	-31.9
Korea, Republic of .....	-	-	-	-	84.86	-
Philippines .....	-	-	-	35.00	-	-
<b>Total</b> .....	<b>76.33</b>	<b>84.17</b>	<b>106.24</b>	<b>73.25</b>	<b>84.89</b>	<b>-13.5</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$200.00 or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 23. Briquette Exports: September 1988**  
(Short Tons)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>41</b>	<b>-</b>	<b>-</b>	<b>1,392</b>	<b>17,487</b>	<b>-92.0</b>
Barbados .....	-	-	-	-	81	-
Bermuda .....	41	-	-	63	-	-
Canada .....	-	-	-	245	14,371	-98.3
Leeward & Windward .....	-	-	-	20	-	-
Mexico .....	-	-	-	1,064	3,035	-64.9
<b>South America Total</b> .....	<b>-</b>	<b>-</b>	<b>136</b>	<b>-</b>	<b>136</b>	<b>-</b>
Venezuela .....	-	-	136	-	136	-
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,433</b>	<b>5,134</b>	<b>(<sup>1</sup>)</b>
Italy .....	-	-	-	-	5,134	-
Netherlands .....	-	-	-	31,433	-	-
<b>Asia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>70,018</b>	<b>-</b>
Japan .....	-	-	-	-	30,341	-
Lebanon .....	-	-	-	-	39,677	-
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>206</b>	<b>-</b>	<b>-</b>
Egypt .....	-	-	-	206	-	-
<b>Total</b> .....	<b>41</b>	<b>-</b>	<b>136</b>	<b>33,031</b>	<b>92,775</b>	<b>-64.4</b>

are not shown.

of components because of independent rounding.

U.S. Department of Commerce, "Monthly Report EM 522."

**Table 24. Average Price<sup>1</sup> of Briquette Exports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Destination	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$80.49	-	-	\$82.61	\$38.75	113.2
Barbados .....	-	-	-	-	79.26	-
Bermuda .....	80.49	-	-	80.11	-	-
Canada .....	-	-	-	84.42	29.15	189.5
Leeward & Windward .....	-	-	-	79.80	-	-
Mexico .....	-	-	-	82.40	83.11	-0.9
South America Total .....	-	-	\$79.41	-	79.41	-
Venezuela .....	-	-	79.41	-	79.41	-
Europe Total .....	-	-	-	46.27	32.72	41.4
Italy .....	-	-	-	-	32.72	-
Netherlands .....	-	-	-	46.27	-	-
Asia Total .....	-	-	-	-	37.60	-
Japan .....	-	-	-	-	32.21	-
Lebanon .....	-	-	-	-	41.73	-
Africa Total .....	-	-	-	46.27	-	-
Egypt .....	-	-	-	46.27	-	-
Total .....	80.49	-	79.41	47.80	37.61	27.1

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 25. Coal Imports<sup>1</sup> by Continent and Country of Origin: September 1988**  
(Short Tons)

Continent and Country of Origin	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	5,004	37,110	25,259	490,892	396,800	23.7
Canada .....	2,379	33,148	18,090	456,961	367,745	24.3
Mexico .....	2,625	3,962	7,169	34,031	29,055	17.1
South America Total .....	23,700	167,974	111,185	998,733	742,002	34.6
Colombia .....	23,700	128,230	111,185	868,295	742,002	17.0
Venezuela .....	-	39,744	-	130,438	-	-
Europe Total .....	-	125	44	822	240	242.5
Denmark .....	-	-	-	177	-	-
Netherlands .....	-	-	-	320	-	-
Spain .....	-	124	44	124	44	181.8
United Kingdom .....	-	1	-	1	196	-99.5
West Germany .....	-	-	-	200	-	-
Asia Total .....	-	-	-	42,190	-	-
Hong Kong .....	-	-	-	1	-	-
Japan .....	-	-	-	42,189	-	-
Oceania & Australia Total .....	-	-	27,804	34,277	149,410	-77.1
Australia .....	-	-	27,804	34,277	149,410	-77.1
Total .....	28,704	205,209	164,292	1,567,014	1,288,452	21.6

<sup>1</sup> Includes Puerto Rico.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 26. Average Price<sup>1</sup> of Coal Imports<sup>2</sup> by Continent and Country of Origin:  
September 1988  
(Dollars per Short Ton)**

Continent and Country of Origin	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	<b>\$46.68</b>	<b>\$29.81</b>	<b>\$23.48</b>	<b>\$31.39</b>	<b>\$32.87</b>	<b>-4.5</b>
Canada .....	( <sup>3</sup> )	30.38	23.87	31.52	33.84	-6.9
Mexico .....	30.25	25.08	22.49	29.56	20.54	43.9
<b>South America Total</b> .....	<b>31.75</b>	<b>26.42</b>	<b>32.95</b>	<b>28.17</b>	<b>33.13</b>	<b>-15.0</b>
Colombia .....	31.75	26.15	32.95	28.57	33.13	-13.8
Venezuela .....	-	27.27	-	25.52	-	-
<b>Europe Total</b> .....	<b>-</b>	<b>(<sup>3</sup>)</b>	<b>28.70</b>	<b>(<sup>3</sup>)</b>	<b>(<sup>3</sup>)</b>	<b>-51.9</b>
Denmark .....	-	-	-	38.28	-	-
Netherlands .....	-	-	-	( <sup>3</sup> )	-	-
Spain .....	-	( <sup>3</sup> )	28.70	( <sup>3</sup> )	28.70	464.0
United Kingdom .....	-	( <sup>3</sup> )	-	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>4</sup> )
West Germany .....	-	-	-	15.00	-	-
<b>Asia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>(<sup>3</sup>)</b>	<b>-</b>	<b>-</b>
Hong Kong .....	-	-	-	( <sup>3</sup> )	-	-
Japan .....	-	-	-	( <sup>3</sup> )	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>39.70</b>	<b>28.94</b>	<b>29.41</b>	<b>-1.6</b>
Australia .....	-	-	39.70	28.94	29.41	-1.6
<b>Total</b> .....	<b>34.35</b>	<b>27.13</b>	<b>32.64</b>	<b>30.13</b>	<b>32.64</b>	<b>-7.7</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Includes Puerto Rico.

<sup>3</sup> Average prices of \$50.00 dollars or more are not shown.

<sup>4</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 27. Coal Imports by Customs District: September 1988**  
(Short Tons)

Customs District	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>Eastern Total</b> .....	<b>17</b>	<b>295</b>	<b>44</b>	<b>162,555</b>	<b>71,626</b>	<b>126.9</b>
Boston, MA .....	-	-	-	177	28,736	-99.4
Baltimore, MD .....	-	-	-	200	-	-
Portland, ME .....	17	170	-	51,536	108	( <sup>1</sup> )
Buffalo, NY .....	-	-	-	-	671	-
New York City, NY .....	-	125	44	445	222	100.5
Philadelphia, PA .....	-	-	-	110,197	41,889	163.1
<b>Southern Total</b> .....	<b>26,325</b>	<b>171,936</b>	<b>118,354</b>	<b>966,558</b>	<b>760,028</b>	<b>27.2</b>
Mobile, AL .....	-	-	-	-	121,706	-
Tampa, FL .....	-	80,082	66,414	503,020	96,743	420.0
New Orleans, LA .....	-	39,744	-	130,438	261,464	-50.1
San Juan, PR .....	23,700	48,148	44,771	297,267	251,042	18.4
Houston-Galveston, TX .....	-	-	-	1,802	16	( <sup>1</sup> )
Laredo, TX .....	2,625	3,962	7,169	34,031	29,055	17.1
<b>Western Total</b> .....	<b>410</b>	<b>1,737</b>	<b>35,246</b>	<b>93,905</b>	<b>255,980</b>	<b>-63.3</b>
San Francisco, CA .....	-	-	-	17,000	22,048	-22.9
Honolulu, HI .....	-	-	27,804	32,475	89,832	-63.8
Great Falls, MT .....	410	1,737	6,643	41,754	87,936	-52.5
Seattle, WA .....	-	-	799	2,676	56,164	-95.2
<b>Northern Total</b> .....	<b>1,952</b>	<b>31,241</b>	<b>10,648</b>	<b>343,996</b>	<b>200,820</b>	<b>71.3</b>
Chicago, IL .....	-	28,117	-	239,958	149,849	60.1
Detroit, MI .....	-	-	-	-	79	-
Pembina, ND .....	1,952	3,124	10,648	104,038	50,892	104.4
<b>Total</b> .....	<b>28,704</b>	<b>205,209</b>	<b>184,292</b>	<b>1,567,014</b>	<b>1,288,452</b>	<b>21.6</b>

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 28. Average Price<sup>1</sup> of Coal Imports by Customs District: September 1988**  
(Dollars per Short Ton)

Customs District	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>Eastern Total</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	\$28.70	\$37.90	\$29.54	28.3
Boston, MA .....	-	-	-	36.28	27.00	34.4
Baltimore, MD .....	-	-	-	15.00	-	-
Portland, ME .....	( <sup>2</sup> )	\$29.08	-	32.97	( <sup>2</sup> )	-71.6
Buffalo, NY .....	-	-	-	-	( <sup>2</sup> )	-
New York City, NY .....	-	( <sup>2</sup> )	28.70	( <sup>2</sup> )	( <sup>2</sup> )	-5.0
Philadelphia, PA .....	-	-	-	39.98	30.17	32.5
<b>Southern Total</b> .....	\$31.60	26.39	32.32	28.41	32.30	-12.0
Mobile, AL .....	-	-	-	-	26.36	-
Tampa, FL .....	-	24.13	31.56	28.58	33.51	-14.7
New Orleans, LA .....	-	27.27	-	25.52	34.50	-26.0
San Juan, PR .....	31.75	29.52	35.02	29.11	33.75	-13.7
Houston-Galveston, TX .....	-	-	-	( <sup>2</sup> )	( <sup>2</sup> )	-88.1
Laredo, TX .....	30.25	25.08	22.49	29.56	20.54	43.9
<b>Western Total</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	37.63	41.71	31.93	30.6
San Francisco, CA .....	-	-	-	27.35	28.22	-3.1
Honolulu, HI .....	-	-	39.70	27.47	33.37	-17.7
Great Falls, MT .....	( <sup>2</sup> )	( <sup>2</sup> )	29.75	( <sup>2</sup> )	35.56	63.5
Seattle, WA .....	-	-	30.98	49.14	25.41	93.4
<b>Northern Total</b> .....	( <sup>2</sup> )	28.57	19.67	28.15	35.95	-21.7
Chicago, IL .....	-	24.56	-	27.28	34.25	-20.4
Detroit, MI .....	-	-	-	-	( <sup>2</sup> )	-
Pembina, ND .....	( <sup>2</sup> )	( <sup>2</sup> )	19.67	30.16	40.50	-25.5
<b>Total</b> .....	34.35	27.13	32.64	30.13	32.64	-7.7

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

<sup>2</sup> Average prices of \$50.00 dollars or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 29. Coke Imports: September 1988**  
(Short Tons)

Continent and Country of Origin	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
<b>North America Total</b> .....	58,354	39,393	15,019	261,882	168,631	55.3
Canada .....	58,354	39,226	15,019	261,249	168,631	54.9
Mexico .....	-	167	-	633	-	-
<b>South America Total</b> .....	-	16,717	-	16,717	500	( <sup>1</sup> )
Argentina .....	-	16,717	-	16,717	-	-
Venezuela .....	-	-	-	-	500	-
<b>Europe Total</b> .....	35,589	46,256	44,092	379,580	44,092	( <sup>1</sup> )
Belgium & Luxembourg .....	35,589	-	-	72,101	-	-
France .....	-	24,190	-	38,358	-	-
Italy .....	-	22,066	-	125,205	-	-
Netherlands .....	-	-	-	24,809	-	-
Switzerland .....	-	-	-	24,234	-	-
West Germany .....	-	-	-	11	-	-
Yugoslavia .....	-	-	44,092	94,862	44,092	115.1
<b>Asia Total</b> .....	79,733	51,334	125,249	796,653	335,119	137.7
Japan .....	79,733	51,334	125,249	796,653	335,119	137.7
<b>Oceania &amp; Australia Total</b> .....	41,017	43,531	-	526,715	82,526	( <sup>1</sup> )
Australia .....	41,017	43,531	-	526,715	82,526	( <sup>1</sup> )
<b>Total</b> .....	214,693	197,231	184,360	1,981,547	630,868	214.1

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 30. Average Price<sup>1</sup> of Coke Imports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Origin	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$62.63	\$26.43	\$75.57	\$69.09	\$47.23	46.3
Canada .....	62.63	26.49	75.57	69.19	47.23	46.5
Mexico .....	-	12.50	-	24.58	-	-
South America Total .....	-	40.98	-	40.98	54.40	-24.7
Argentina .....	-	40.98	-	40.98	-	-
Venezuela .....	-	-	-	-	54.40	-
Europe Total .....	95.29	97.83	59.13	93.40	59.13	58.0
Belgium & Luxembourg .....	95.29	-	-	104.18	-	-
France .....	-	98.28	-	106.29	-	-
Italy .....	-	97.34	-	98.53	-	-
Netherlands .....	-	-	-	119.75	-	-
Switzerland .....	-	-	-	73.03	-	-
West Germany .....	-	-	-	189.64	-	-
Yugoslavia .....	-	-	59.13	71.52	59.13	21.0
Asia Total .....	83.69	96.18	61.60	65.59	65.85	-.4
Japan .....	83.69	96.18	61.60	65.59	65.85	-.4
Oceania & Australia Total .....	62.43	76.16	-	66.24	53.56	23.7
Australia .....	62.43	76.16	-	66.24	53.56	23.7
Total .....	75.83	73.54	62.15	71.34	58.79	21.4

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 31. Briquette Imports: September 1988**  
(Short Tons)

Continent and Country of Origin	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	11,037	-	775	16,780	775	( <sup>1</sup> )
Canada .....	6,931	-	775	12,674	775	( <sup>1</sup> )
Mexico .....	4,106	-	-	4,106	-	-
South America Total .....	-	-	-	-	70,202	-
Colombia .....	-	-	-	-	70,202	-
Asia Total .....	-	-	-	40,000	-	-
Japan .....	-	-	-	40,000	-	-
Oceania & Australia Total .....	-	-	-	24,785	57,604	-57.0
Australia .....	-	-	-	24,785	57,604	-57.0
Total .....	11,037	-	775	81,565	128,581	-36.6

<sup>1</sup> Percent changes of 500% or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 32. Average Price<sup>1</sup> of Briquette Imports: September 1988**  
(Dollars per Short Ton)

Continent and Country of Origin	September 1988	August 1988	September 1987	Year to date		
				1988	1987	Percent Change
North America Total .....	\$21.76	-	\$56.08	\$34.70	\$56.08	-38.1
Canada .....	25.00	-	56.08	40.67	56.08	-27.5
Mexico .....	16.30	-	-	16.30	-	-
South America Total .....	-	-	-	-	28.30	-
Colombia .....	-	-	-	-	28.30	-
Asia Total .....	-	-	-	63.31	-	-
Japan .....	-	-	-	63.31	-	-
Oceania & Australia Total .....	-	-	-	26.67	21.57	23.7
Australia .....	-	-	-	26.67	21.57	23.7
Total .....	21.76	-	56.08	46.29	25.45	81.9

<sup>1</sup> Based on the free alongside ship (f.a.s.) value.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."



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